

BIOL 1552L - Anatomy and Physiology 2 Laboratory

Fall 2026 Syllabus, Section 03, CRN 40478,

Credit hours: 0

Public Instructor Information

Instructor Title:

Instructor Professional Qualifications:

Instructor Office Location:

Instructor Office Phone:

Course Description

1552L. Anatomy and Physiology 2 Laboratory. Anatomy and Physiology 2 Laboratory. 0 s.h.

Course Readings

Group	Title	Author	ISBN
	McGraw Hill Lab Suite		

McGraw Hill Lab Suite

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

How to Succeed in This Course

1. Go online! There are many excellent resources online that may be useful for clarifying information including resources linked to your McGraw Hill Lab Suite.
2. Go to the Library! There is an anatomical model collection that can be viewed. Please go to <https://maag.guides.ysu.edu/c.php?g=1153441&p=9185076> for more information.
3. Attend class and complete assignments on time.
4. **Technology**-To successfully complete this course, you will need access to a computer with internet and Microsoft Office Suite (available free). Blackboard is free to use with your YSU login here. Please let me know the first day of class if you do not have the appropriate access to technology and/or anticipate having trouble navigating Blackboard. We will work together to make sure technology is not a barrier to your success in this course.
5. **Blackboard**: Please be sure to login to Blackboard at least weekly during the duration of the course. Blackboard will be regularly used to share important course information.
6. **Understanding Early Alerts**-In all your classes, your professors may create a "flag" related to your performance in a class. Professors may indicate that you are having difficulty understanding course material, not attending class, missing assignments, etc. These alerts do NOT stay on a permanent record, and they are NOT used in any way as a penalty against you. The alerts are used to help you find a solution that is realistic and helps you succeed.
- 7.

How to Get Help-YSU is committed to your success. As a student you have access to several resources that may be instrumental in helping you succeed in this course and others. Please do not hesitate to utilize any of these free support services to support your academic success, physical and mental health, registration, billing, and financial aid, assistance for student parents—all to help you navigate your time as a YSU student.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
8/24	Endocrine System	Virtual Lab: Endocrine System: Influence of Thyroid Hormone on Temperature Endocrine System Dissection and Pancreatic Duct system	NO IN-PERSON CLASS ---- ONLINE VIRTUAL LAB
8/31	Lymphatic and Immune System	Virtual Lab: Blood – Differential White Blood Cell Count	NO IN-PERSON CLASS ---- ONLINE VIRTUAL LAB
9/7	Digestive System	Virtual Lab Digestive Enzymes and Digestion Digestive System Dissection	NO IN-PERSON CLASS ---- ONLINE VIRTUAL LAB
9/14	Circulatory System: Blood	Virtual Lab Cardiovascular Physiology: Blood Typing	• Blood Typing exercise for Virtual Lab
9/21	Circulatory System: Heart	Virtual Lab: Cardiovascular Physiology: EKG Heart dissection	• Review of Heart Models & PPT • EKG guided exercise for Virtual lab
9/28	Circulatory System: Blood Vessels	Cardiovascular Physiology: Blood Pressure	• Review of Blood Vessels Models and PPT • Blood Pressure guided exercise for Virtual Lab
10/5	Review for Lab Practical 1 Review for Lab Practical 1	Review for Lab Practical 1 Review for Lab Practical 1	Review for Lab Practical 1 Review for Lab Practical 1
10/12	Lab Practical 1	Lab Practical 1	Lab Practical 1
10/19	Respiratory System	Virtual Lab: Respiratory System: Pulmonary Function Tests Respiratory dissection	• Review Respiratory System models and PPT • Respiratory PFT guided exercise for Virtual Lab
10/26	Urinary System	Virtual Lab Urinary System: Urinalysis Kidney dissection	• Review Urinary System models and PPT
11/2	Male and Female Reproductive System	Virtual Reproductive dissection	• Review Male Reproductive System models PPT
11/9	Male and Female Reproductive System	Fetal Pig Dissection-Part 1	• Review Male Reproductive System models PPT
11/16	Fetal Pig Dissection-Part 2	Fetal Pig Dissection-Part 2	• Review Female Reproductive System models and PPT
11/23	Virtual Lab Human genetics	Virtual Lab Human genetics	• Review for Lab Practical 2
11/30	Lab Practical 2	Lab Practical 2	Lab Practical 2
12/7	Finals Week – No Lab	Finals Week – No Lab	Finals Week – No Lab

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.